for Ciyt of SD

labular	Kehou	<i>)</i>						Ciy						
Work	Order 300	0622	!	Contract						eo cd			etup 17	
Fa	cility 830	7		Operator p	arker			Va	n R	ef 3030	005	Surveye	d On 07/26/20	007
	eet Name						Cit	y sar	n die	go				
Loca	tion type													
	Surface						-4	414	4 – –	Da.				
Survey	purpose	Speci	tic prob	lems on sewer syst	em rei									
Pipe	Use Sanita	ary				Sched len	-	0 F	t		C12S-025		Depth 20.00	
Sh	ape Circui	lar			Size						C12S-026		Depth	Ft
	erial Vitrific	ed cla	y			t Spacing	F				<i>tion</i> Up	1 4 - 01 -		
	ning					ear laid				Pre-c		Last Cle		-41
				v to assess conditio	n				1	Struct		Service	Constru	сиопа
Locatio	n note on	soled	lad mtn	. rd.							llaneous	Hydraulic		
Video	Count	CD	Code				Sev	Fr	То	Value	Remarks	i		
00000	0.0		ST	Start of Survey			ļ	_		<u> </u>				
00000	0.0		МН	Manhole/Node				_	Ļ.	ļ	C12S-025	<u> </u>		
00000	0.0		WL.	Water level				<u> </u>	<u> </u>	3				
	32.5		CN	Service Connection	n			02		ļ				
	68.6		CN	Service Connection	on			11	<u> </u>		<u> </u>			
	108.0		CN	Service Connection	n		_	02	<u> </u>	ļ				
	143.8		CN	Service Connection	on			10	<u> </u>	ļ	·	 		
	183.5	·	CN	Service Connection	n	· · ·		02	<u> </u>	ļ				
	206.0		CN	Service Connection			ļ	10						
	255.5		CN	Service Connection				02	-	<u> </u>	ļ <u> </u>			
	278.3		CN	Service Connection				02	+	-	<u> </u>			
	314.2		CB	Break in Connecti				02	+-	<u> </u>				
	314.2	ļ	CR	Roots from lateral			L	02			<u> </u>			
	314.2		CRA	Roots around Late			_ s	02	+	<u> </u>				
	315.2		CCJ	Circular Crack at j	joint		s	12	11	1	0400.00			
	318.0		MH	Manhole/Node	<u> </u>			+	ļ	 	C12S-02	<u> </u>		
	318.0		FH	Finish of Surveys				l	<u>L</u>	<u> </u>	END			
	318.0	Ft	Total I	Length Surveyed							·			
	Scores	s [Structural:		Total 100	M	ean L	Defe	ct 50	Pear	k 100	Mean Pi	oe 0.3

Mataa

Score

Structural:	Total 100	Mean Defect 50	Peak 100	Mean Pipe 0.3
Service:	Total 95	Mean Defect 31.7	Peak 95	Mean Pipe 0.3

Extra section 1 lateral w/ roots from it (L) and from around the tap (S) also a cir. crack at a joint near the d/e m/h.











Nature of Co	mplaint			- 4 Manua	Chr. Cuita	# Lurio
TELEVISE		Street # Fr Pred		eet Name	Sfx Suite	# Juris
UNSCHEDULED MAIN	ITENANCE	5715	SOLEDAD MTI	tersection		
				tersection		
		L,	Location Des		Water	/Sewer
SR# WO#	Status Gen Dt Prty	5715 SOLEDAD MA		(CORRECT ADDRESS		S
3000622 12	CMP 09/25/07 2	D7 10 002237.5 1111	Cross Street			
Fac Type				<u> </u>		
MAIN	8306	Requesto	r Name	Area Phone # Co	ntact	
					N	
		ES Service Area	Service Area F	ield Book Pg Grid	1	
	Complete	W	RC	C12S		ł
	Sketch	Radio#	Orig Radio# T	hos Bros Pg		
J. s. d		946		1248A2		
L		leb December				
SE STATE MONITOR	SAAINIC	Job Descript	ion			
RE-TV TO MONITOR	(MAIN2	Special Instruc	fions			
END/IDONIMENTALLS	Y SENSITIVE AREA. PER	MITS MAY BE REQUIR	FD. CONTACT Y	OUR SUPERVISOR FO	R INSTRUCTI	ONS.
ENVIRONMENTALL	T SENSITIVE AREA. I EN	WITO WIXT BETTEROIT	25. 55		``	
				1		
Work Cd	Work Code Desc	Action Cod		Action Code Des	<u> </u>	
TV INSPE	CT		IELEVISED	IAIN COND ASSESS		
Motive Equ	ipment Used -			 Rental Equipment U 	sed	
Equip Nbr	Hours	Equip	nent Type	Operated	Hou	ırs
				◯ Yes ◯ No	<u> </u>	
		·		Yes No	╛┖┈┈┈	
				Yes No		
Ota-t Data/Time	End Date/Time	Department		Job Order Number	Employees	Hours
Start Date/Time		RO WASTE WATER D		8203	3	1
9/26/2007 09:14:00	9/20/2007 09:14:00	NO WHOTE WILLIAM				
						
		0i D	4 Comments			
		Service Reques		CED 8794 IKI		
PER 946 REQ FLUSH	ER CREW TO FLUSH FSI	N#83U7 ON 8 VC MAIN	, CAN HOLDFA	GLD 07340KL		
				•		
PGED 758JKL						
DED 750 ASSISTED	IN FLUSHING MAIN FOR	CITY PROTECTION!	ИF			
PER 750, ASSISTED		0,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
	•					
		Mark Order	Comments			
TYD MAIN COING D				C AND CMALL TO MED	ILIM POOTS	
I I A P IAIVIN GOING D	IS AND FOLIND MAIN TO	HAVE SMALL ROOTS	AT SOME JOINT	2 AND SWALL TO MILL	IOW ICOCIO	
FROM SOME LATER	/S AND FOUND MAIN TO ALS.	HAVE SMALL ROOTS	AT SOME JOINT	S AND SWALL TO MILL	IOW ROOTS	
FROM SOME LATER	/S AND FOUND MAIN TO ALS.	HAVE SMALL ROOTS	AT SOME JOINT	2 AND SIMALL TO MILL	NOW NOOTO	

Work	Order 30	00622	2	Contract			1	Vide	o cd		S	Setup 18	
	acility 83			Operator p	arker		Va	n R	ef 3030	005	Surveye	d On 09/26/20	07
	eet Name					City	sar	die	go				
Loca	tion type												
Sugar	Surface				em related to structu	ral M	/eat	hor	Dry				
			ille prob	lenis on sewer syst								5 4 45 00	
	Use Sani				Sched lengt			t		C12S-025		Depth 15.00	
	ape Circu				Size 8 by	ins	•			C12S-024		Depth	Ft
	erial Vitrif	ied cla	ıy _.		Joint Spacing Year laid	Ft			Pre-c	tion Dow	ıı Last Cle	aned	
	ning				rear raid			\dashv	Struct		Service	Construc	tional
	al note re on note o										Hydraulic	3011011.43	
				. iu.			<u> </u>	<u> </u>			··· ·		
Video	Count	CD		Clost of Comme		Sev	r 	10	value	Remark	<u> </u>		
00000	0.0		ST	Start of Survey Manhole/Node		+	L	<u> </u>		C12S-02			
00000	0.0	!	WL	Water level				L I	3	10120-02	<u>-</u>		
00000	0.0		CN	Service Connection		<u> </u>	02	├─		<u>. </u>			
<u> </u>	6.9 42.9		CN	Service Connection	· · · · · · · · · · · · · · · · · · ·		10	<u> </u>					
<u> </u>	62.5		CN	Service Connection	·-··	 	02	l I					
	80.4	<u> </u>	CMJ	Cracks multiple at		İs	02		 	 			
ļ	83.8		CCJ	Circular Crack at i		s		06		1			
l	83.9	<u> </u>	RJ	Roots at joint		s			1				
	85.0	i	RJ	Roots at joint		S							
<u> </u>	124.7		CN	Service Connection	on		10			1			
	124.7		CR	Roots from lateral		М	10		1				
	127.8		CN	Service Connection	n		02						
	127.8		CR	Roots from lateral		М	02						
	128.6		RJ	Roots at joint		S							
	193.8		CN	Service Connection	n		02						
	193.8		CR	Roots from lateral		s	02	L	<u> </u>				
	194.8		RJ	Roots at joint	· · · · · ·	s			<u> </u>	<u> </u>			
	203.6	<u> </u>	CN	Service Connection	on		10	<u> </u>	ļ	ļ			
	203.6		CR	Roots from lateral		<u>s</u>	10	_	<u> </u>	ļ			
	238.6		RJ	Roots at joint		s	<u> </u>	<u> </u>		ļ			
	263.1		CN	Service Connection			02		<u> </u>	<u> </u>			
<u></u>	278.6	<u> </u>	CN	Service Connection	on		11	<u> </u>	ļ				
<u></u>	324.0		МН	Manhole/Node			<u> </u>	<u> </u>	<u> </u>	C12S-02	4		
	324.0		FH	Finish of Surveys			<u> </u>		L	END			

324.0 Ft Total Length Surveyed

Scores

<u> </u>	ructurai:	
	Service:	

Total 200 Total 265

Peak 100 Peak 50 Mean Defect 100 Mean Defect 26.5

Mean Pipe 0.6 Mean Pipe 0.8

Notes

Roots at some joints (S) and from some laterals (S,M).











Printed on: 10/4/2007

Nature of Complaint	Odmod # E Books	44 Norman	.
TELEVISE		treet Name Sfx Suite # Jur	- ⋅
UNSCHEDULED MAINTENANCE	5715 SOLEDAD M		<u>.</u>
		Intersection	\neg
			_
CD# MO# Chatas Com Dt Bate	Location De)
SR # WO # Status Gen Dt Prty 3000622 13 CMP 09/25/07 2	5715 SOLEDAD MAOUNTAIN ROA		
	Cross Stree	t Name	
Fac Type Fac Seq #		Assa Blassa # 0 1	
MAIN 8307	Requestor Name	Area Phone # Contact	
Complete		Field Book Pg Grid	- 1
	W RC	C12S	
Sketch	Radio# Orig Radio#	Thos Bros Pg	ĺ
	946	1248A2	
	Job Description		
RE-TV TO MONITOR MAINS			
	Special Instructions		
ENVIRONMENTALLY SENSITIVE AREA. PERMIT	S MAY BE REQUIRED. CONTACT	YOUR SUPERVISOR FOR INSTRUCTIONS.	
	·		
Work Cd Work Code Desc	Action Code	Action Code Desc	
TV TV INSPECT		MAIN COND ASSESS	7
IV IVST LOT	1700 122271025		<u>-</u>
Motive Equipment Used		Rental Equipment Used	—
Equip Nbr Hours	Equipment Type	Operated Hours	
		Yes O No	_
		Yes No	<u>_</u>].
		Yes No	
Start Date/Time End Date/Time	Department	Job Order Number Employees Hours	s
	WASTE WATER DEPT	8202 3 1	\neg
9/20/2007 12:00:00 0/20/2001 10:00:00 WETTE	77,1012 77,112,132,1		7
			╡
			=
	Service Request Comments		
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8	307 ON 8"VC MAIN, CAN HOLDPA	AGED 8794JKL	
	•		
PGED 758JKL			
PER 758, ASSISTED IN FLUSHING MAIN FOR CIT	Y PROTECTIONMF	•	
• •			
	•		
	Work Order Comments		
FOUND SOME SMALL ROOTS AT JOINTS, ALSO	ROCKS THAT ARE POSS. FROM A	LATERAL THAT WAS HIT BY WATER	

FOUND SOME SMALL ROOTS AT JOINTS, ALSO ROCKS THAT ARE POSS. FROM A LATERAL THAT WAS HIT BY WATER DEPT. ON 09/25/07 WHILE INSTALLING A CUT & PLUG IN FRONT OF 5685 SOLEDAD MNT. RD. CALLED FOR A FLUSHER CREW VIA STA.#38 TO REMOVE THESE ROCKS. ** RE-TV'D MAIN AFTER CLEANING (09-26-07) AND FOUND THAT ROCKS HAVE BEEN REMOVED AND THE MAIN IS CLEAR AT THIS TIME.

Work	Order 30	00622	2	Contract				١	Vide	o cd			etup 16	
F	acility 830	07		Operator p	arker			Va	n Re	f 3030	05	Surveye	d On 09/26/200	07
Str	eet Name	5715	soleda	d mtn. rd.			City	san	ı die	go				
Loca	ation type	Road	l carriag	eway										
	Surface								_	_				
Survey	/ purpose	Spec	ific prob	lems on sewer syst	em related	to structu	iral V	/eat	her	Dry				
Pipe	Use Sanit	tary		ĺ	Sch	ed lengt	th 317.0	F	t	From	C12S-025		Depth 15.00	
St	hape Circu	ılar		İ	Size 8	by	ins	;		To	C12S-026		Depth 15.00	Ft
Mate	e <i>rial</i> Vitrifi	ied cla	ıy		Joint Sp.	acing	Ft			Direc	<i>tion</i> Up			
Li	ning				Year la	id				Pre-c		Last Cle		
Gener	ral note re	-tv to	monitor	mains					-	Struct		Service	Construc	tional
Locatio	on note o	n sole	dad mtn	. rd.				_		Misce	llaneous	Hydraulic		
Video	Count	CD	Code				Sev	Fr	То	Value	Remark	S		
00000	0.0		ST	Start of Survey	•		<u> </u>			ļ				
00000	0.0		мн	Manhole/Node			<u> </u>	Ļ.			C12S-02	5		
00000	0.0		WL	Water level					ļ	1				
	23.2		CCJ	Circular Crack at j	oint		s	11	06					
	29.1		CN	Service Connection	on			01	<u> </u>					
	65.3		CN	Service Connection	on			11	·	<u> </u>				
	104.5		CN	Service Connection	on			02	<u>L</u>	<u> </u>	<u> </u>			
	108.8		DE	Debris			M							
	114.8		DE	Debris			L	<u>L</u>	<u> </u>	<u> </u>	ROCKS			
	129.0		DE	Debris			<u> </u>	<u> </u>	<u> </u>	<u> </u>	ROCKS			
	129.0		SA	Survey abandone	d			<u></u>	<u>L</u>	<u> </u>	CAN NO	T PASS		
	129.0	Ft	Total L	ength Surveyed										
	Score	آ ء		Structural:	Tot	al 100	Me	an L	Defe	ct 100		k 100	Mean Pip	
	30016	-		Service:		al 105	Me	an L	Defe	ct 26.3	Pea	k 75	Mean Pip	e 0.8

Found debris (treanch rocks) starting @ 108' and cam. was able to go 129' up/s will do rev. set up.











	Order 30		2	Contract					eo cd			etup 17	
	cility 83			Operator p	arker				ef 3030)05	Surveye	d On 09/26/200	<u> </u>
	eet Name					City	sar	ı die	ego				
Loca	tion type												
Survey	Surface				em related to structo	ıral V	Veat	her	Dry				
			iiio prot	name on concrete					<u>-</u>	C12S-026		Depth 15.00	
•	Use Sani	•			Sched leng Size 8 by	ur ə (r.) ins		۱ ا		C12S-025		Depth 15.00	
	ape Circu		n.,		Joint Spacing	III: Ft				tion Down	1	Depar 10.00	Fι
	riar viiii ning	ieu oic	ıy		Year laid	Γ.		ł	Pre-c		Last Cle	aned	
		OVORS	e eet un	on sheet:16	70077010	_		\dashv	Struct		Service	Construct	iona
	n note N							- 1		llaneous	Hydraulic		
		<u> </u>					_	믖		Danada			
Video	Count	CD	Code	Start of Survey	·-	Sev	Fr.	10	Value	Remarks			
00000	0.0		MH	Manhole/Node					 	C12S-026			
0000	0.0		WL	Water level					1	C 123-020		<u>.</u>	
0000	0.0		CB	Break in Connecti			10		 			 	
	3.1		CRA	Roots around Late		s	10		<u> </u>			<u> </u>	
	3.7		RJ	Roots at joint		s	10		1				
	38.6		CN	Service Connection	<u> </u>	+	02		-				
	61.3		CN	Service Connection			10						
	99.1		RJ	Roots at joint		s	-		 				
	101.9		RJ	Roots at joint		s							
	106.8		RJ	Roots at joint		s			1				
	110.5		CN	Service Connection	n	Ť	02						
	112.6		RJ	Roots at joint		s							
	133.3		CN	Service Connection	מו		11						
	151.0		RJ	Roots at joint		s							
	151.5		RJ	Roots at joint		s							
	169.8		WL	Water level					0030				
	174.9		CN	Service Connection	מי		02						
	175.0		GO	General observati	on					POSS. RO	OCKS FRO	M LATERAL W	ATE
	190.0		DE	Debris		L				ROCKS			
	191.0		SA	Survey abandone	tt					CAN NOT	PASS		
	191.0	Ft	Total I	Length Surveyed									
		-		Campatural	Total O				ot 0	Pool		Mean Pine	

Scores

Structural:Total 0Mean Defect 0Peak 0Mean Pipe 0Service:Total 210Mean Defect 19.1Peak 25Mean Pipe 1.1

Notes

Found some roots at joints (S), also rocks poss. from a lateral that was hit by water dept. on 09/25/07 when installing a cut and plug in front of 5685 soledad mtn. rd. called for a flusher crew via sta.38 to remove these rocks.











for City Of SD

Work	Order 300	00622	2	Contract						o cd			etup 20	2007
Fa	cility 830)7		Operator p	arker			Vai	n R	ef 3030	105	Surveye	d On 09/26/	2007
Loca	eet Name tion type Surface purpose	Road Chip	l carriag seal roa	eway	em related to	structura	<i>City</i> al И	san /eati		go Dry				
	Use Sanit		-		Sched			F	t	From	C12S-025		Depth 15.	00 <i>Ft</i>
	ape Circu				Size 8	by	ins	;		To	C12S-026		Depth	Ft
	<i>rial</i> Vitrifi		iy		Joint Space	ing	Ft			Direc	tion Up			
Liı	ning		•		Year laid					Pre-c	lean	Last Cle	aned	
Gener	al note re	tv aft	er remo	ving rocks.						Struct	ural	Service	Constr	uctiona
	on note or				_					Misce	llaneous	Hydraulic		
Video	Count	CD	Code				Sev	Fr	То	Value	Remarks			
00000	0.0		ST	Start of Survey				<u>.</u>						
00000	0.0		МН	Manhole/Node			<u> </u>			_	C12S-025	5		
00000	0.0		WL	Water level			<u>L</u>			10				
	31.3		ÇN	Service Connection	on			02						
	66.0		CN	Service Connection	on		<u> </u>	10	Ĺ		ļ			
	106.5		CN	Service Connection	on			01		<u> </u>	<u> </u>			
	142.5		CN	Service Connection	on		<u> </u>	10	<u> </u>	ļ				
	182.0		CN	Service Connection	on			02	<u> </u>	ļ	ļ			
	204.1		CN	Service Connection	on			10	<u> </u>	<u> </u>	ļ			
	253.5		CN	Service Connection	on		<u> </u>	02	<u> </u>	ļ	ļ			
	276.5		CN	Service Connection	on			10		<u> </u>	<u> </u>			
	312.0		СВ	Break in Connecti	ion		1	02		<u> </u>	Ļ			
	312.0		CR	Roots from lateral			М	02	<u> </u>	<u> </u>			 	
	317.0		МН	Manhole/Node			<u> </u>	<u> </u>	_	ļ	C12S-02	6		
	317.0		FH	Finish of Surveys				<u> </u>		<u></u>	END			
	317.0	Ft	Total I	Length Surveyed										
	Score	s [Structural:	Total Total					ect 0	Pea Pea		Mean F Mean F	
Notes		L		Service:	ıotaı	50	Me	ali L	<i>/</i> C/6	-UL 23			mean i	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

Notes

Rocks are removed main ic clear at this time.











Nature of Complaint			Of Cuite # lunia
TELEVISE		treet Name	Sfx Suite # Juris
UNSCHEDULED MAINTENANCE	5715 SOLEDAD M	TN	RD SD
		Intersection	
	Location De	ecrintian	Water/Sewer
SR # WO # Status Gen Dt Prty	5715 SOLEDAD MAOUNTAIN ROA		2)
3000622 15 CMP 09/26/07 1	Cross Stree	t Name	
Fac Type Fac Seq #			
MAIN 8330	Requestor Name	Area Phone # Cor	ntact
IVIAIN	Requestor Name		N
		J	<u> </u>
	ES Service Area Service Area	Field Book Pg Grid	
Complete	W RC	C12S	
Sketch	Radio# Orig Radio#	Thos Bros Pg	
	946 946	1248A2	
	1.1.0		
	Job Description		-
RE-TV TO MONITOR MAINS (EXTRA SECTION)			
	Special Instructions		
L			
Work Cd Work Code Desc	Action Code	Action Code Desc	;
TV TV INSPECT	TV03 TELEVISED	MAIN COND ASSESS	
IV INSPECT	1700 112277022		
Motive Equipment Used		Rental Equipment Us	sed
Equip Nbr Hours	Equipment Type	Operated	Hours
Eduban	Edulphion Type	☐ Yes ☐ No	
. 🗀		Yes No	
		Yes No	
Start Date/Time End Date/Time	Department	Job Order Number	Employees Hours
Otari Dator I III			Employees Hours
Otal Color Time	Department O WASTE WATER DEPT	Job Order Number	
Otari Dator I III		Job Order Number	
Otari Dator I III		Job Order Number	
Otari Dator I III		Job Order Number	
Otari Dator I III	O WASTE WATER DEPT	Job Order Number	
9/26/2007 09:19:00 9/26/2007 09:38:14 METR	O WASTE WATER DEPT Service Request Comments	Job Order Number 8203	
Otari Dator I III	O WASTE WATER DEPT Service Request Comments	Job Order Number 8203	
9/26/2007 09:19:00 9/26/2007 09:38:14 METR	O WASTE WATER DEPT Service Request Comments	Job Order Number 8203	
9/26/2007 09:19:00 9/26/2007 09:38:14 METR	O WASTE WATER DEPT Service Request Comments	Job Order Number 8203	
9/26/2007 09:19:00 9/26/2007 09:38:14 METR	O WASTE WATER DEPT Service Request Comments	Job Order Number 8203	
9/26/2007 09:19:00 9/26/2007 09:38:14 METR	O WASTE WATER DEPT Service Request Comments	Job Order Number 8203	
9/26/2007 09:19:00 9/26/2007 09:38:14 METR	O WASTE WATER DEPT Service Request Comments	Job Order Number 8203	
9/26/2007 09:19:00 9/26/2007 09:38:14 METR	O WASTE WATER DEPT Service Request Comments	Job Order Number 8203	
9/26/2007 09:19:00 9/26/2007 09:38:14 METR	O WASTE WATER DEPT Service Request Comments	Job Order Number 8203	
9/26/2007 09:19:00 9/26/2007 09:38:14 METR	O WASTE WATER DEPT Service Request Comments	Job Order Number 8203	
9/26/2007 09:19:00 9/26/2007 09:38:14 METR	O WASTE WATER DEPT Service Request Comments	Job Order Number 8203	
9/26/2007 09:19:00 9/26/2007 09:38:14 METR	O WASTE WATER DEPT Service Request Comments	Job Order Number 8203	
9/26/2007 09:19:00 9/26/2007 09:38:14 METR	O WASTE WATER DEPT Service Request Comments	Job Order Number 8203	
9/26/2007 09:19:00 9/26/2007 09:38:14 METR	Service Request Comments 8307 ON 8"VC MAIN, CAN HOLDP.	Job Order Number 8203	
9/26/2007 09:19:00 9/26/2007 09:38:14 METR	Service Request Comments 8307 ON 8"VC MAIN, CAN HOLDP.	Job Order Number 8203	
9/26/2007 09:19:00 9/26/2007 09:38:14 METR	Service Request Comments 8307 ON 8"VC MAIN, CAN HOLDP.	Job Order Number 8203	
9/26/2007 09:19:00 9/26/2007 09:38:14 METR	Service Request Comments 8307 ON 8"VC MAIN, CAN HOLDP.	Job Order Number 8203	
9/26/2007 09:19:00 9/26/2007 09:38:14 METR	Service Request Comments 8307 ON 8"VC MAIN, CAN HOLDP.	Job Order Number 8203	
9/26/2007 09:19:00 9/26/2007 09:38:14 METR	Service Request Comments 8307 ON 8"VC MAIN, CAN HOLDP.	Job Order Number 8203	
9/26/2007 09:19:00 9/26/2007 09:38:14 METR	Service Request Comments 8307 ON 8"VC MAIN, CAN HOLDP.	Job Order Number 8203	
9/26/2007 09:19:00 9/26/2007 09:38:14 METR	Service Request Comments 8307 ON 8"VC MAIN, CAN HOLDP. TY PROTECTIONMF Work Order Comments	Job Order Number 8203 AGED 8794JKL	3 1
9/26/2007 09:19:00 9/26/2007 09:38:14 METR	Service Request Comments 8307 ON 8"VC MAIN, CAN HOLDP. TY PROTECTIONMF Work Order Comments	Job Order Number 8203 AGED 8794JKL	3 1
PER 946 REQ FLUSHER CREW TO FLUSH FSN# PER 758, ASSISTED IN FLUSHING MAIN FOR CIT EXTRA SECTION. TVD MAIN GOING D/S AND F	Service Request Comments 8307 ON 8"VC MAIN, CAN HOLDP. TY PROTECTIONMF Work Order Comments COUND MAIN TO HAVE SMALL CRA	Job Order Number 8203 AGED 8794JKL	3 1
9/26/2007 09:19:00 9/26/2007 09:38:14 METR	Service Request Comments 8307 ON 8"VC MAIN, CAN HOLDP. TY PROTECTIONMF Work Order Comments COUND MAIN TO HAVE SMALL CRA	Job Order Number 8203 AGED 8794JKL	3 1

Work	Order 30	00622	2	Contract					o cd			Setup 19	
	cility 833			Operator p	arker		Va	n R	ef 3030	05	Surveye	d On 09/26/2	007
Loca	eet Name tion type Surface purpose	Road Chip	carriag seal roa	eway	em related to structi	City ural V	san /eat		go Dry				
	Use Sanit				Sched leng		F	t I	From	C12S-024		Depth 15.00	0 Ft
•	ape Circu	-			Size 8 by	ins			To	C12S-048		Depth	Ft
	rial Vitrifi		v		Joint Spacing	Ft			Direc	tion Down	1	-	
	ing		•		Year laid			- 1	Pre-c	lean	Last Cle	aned	
Genera	al note ex	tra se	ction re	-tv to monitor mains	<u> </u>				Struct	ural	Service	Constru	ctiona
Locatio	n note or	solec	lad mtn	. rd.					Misce	llaneous	Hydraulic		
Video	Count	CD	Code			Sev	Fr	То	Value	Remarks			
00000	0.0		ST	Start of Survey									
00000	0.0		MH	Manhole/Node						C12S-024			
00000	0.0		WL	Water level			L_		3				
	2.5		CN	Service Connection	n		02						
	43.3		CN	Service Connection	n		10						
	72.0		CN	Service Connection	n		02		ļ				
	95.6		CLJ	Crack longitudinal	at joint	S	03	<u> </u>	<u> </u>				
	95.6		CLJ	Crack longitudinal	at joint	S	09	Ŀ		<u> </u>			
	96.4		CMJ	Cracks multiple at	joint	S	02	<u> </u>	ļ	<u> </u>			
	97.3		CLJ	Crack longitudinal	at joint	<u>s</u>	09	ļ	<u> </u>	<u> </u>			
	114.2		CN	Service Connection	ก		10	<u> </u>	ļ				
<u> </u>	140.1		CN	Service Connection		<u> </u>	02		ļ	ļ			
	190.0		CN	Service Connection			10		<u> </u>	<u> </u>			
	209.1		CN	Service Connection		<u> </u>	02		<u> </u>	<u> </u>			
	258.7		CN	Service Connection			10	ļ		<u> </u>			
	261.1		CN	Service Connection	<u>on</u>	ļ	02	<u> </u>	1				
	346.0		МН	Manhole/Node			ļ		ļ	C12S-048	3		
	346.0	1	FH	Finish of Surveys		1	1	1	1	END			

Peak 200 Peak 0 Mean Pipe 1.2 Mean Pipe 0 Total 400 Total 0 Mean Defect 100 Mean Defect 0 Structural: Service: Scores

EXTRA SECTION Cracks at some joints (S), 95' to 98' rest of main is clear











Nature of Complaint		1
TELEVISE	Street # Fr Predir Street Name Sfx Suite # J	uris
UNSCHEDULED MAINTENANCE	5715 SOLEDAD MTN RD	SD
CNSC/IEDOLED WAITTEN TOOL	Intersection	
	Intel socioli	
		—
	Location Description Water/Set	wer
SR # WO # Status Gen Dt Prty	5715 SOLEDAD MAOUNTAIN ROAD (CORRECT ADDRESS) S	
3000622 16 CMP 09/27/07 1	Cross Street Name	
Fac Type Fac Seq #		
MAIN 8314	Requestor Name Area Phone # Contact	Ì
·		
	ES Service Area Service Area Field Book Pg Grid	j
Complete		ļ
P roof.	W RC C12S	
Sketch	Radio# Orig Radio# Thos Bros Pg	
	946 946 1248A2	
<u> </u>	Job Description	,
EXTRA SECTION. MONITOR MAINS		
	Special Instructions	
	- p	$-\neg$
]
Work Cd Work Code Desc	Action Code Action Code Desc	
TV INSPECT	TV03 TELEVISED MAIN COND ASSESS	
	Rental Equipment Used	
Motive Equipment Used		
Equip Nbr Hours	Equipment Type Operated Hours	
	◯ Yes ◯ No	
	○ Yes ○ No	_
1 1	0 185 0 116	
	○ Yes ○ No	
Start Pate Films End Pate Films		urs
Start Date/Time End Date/Time	Department Job Order Number Employees Ho	1
	Department Job Order Number Employees Ho	urs
	Department Job Order Number Employees Ho	1
	Department Job Order Number Employees Ho	1
	Department Job Order Number Employees Ho	1
	Department Job Order Number Employees Ho	1
	Department Job Order Number Employees Ho	1
9/27/2007 14:44:54 9/27/2007 14:44:55 METRO	Department Job Order Number Employees Ho O WASTE WATER DEPT 8202 3 Service Request Comments	1
9/27/2007 14:44:54 9/27/2007 14:44:55 METRO	Department Job Order Number Employees Ho	1
9/27/2007 14:44:54 9/27/2007 14:44:55 METRO	Department Job Order Number Employees Ho O WASTE WATER DEPT 8202 3 Service Request Comments	1
9/27/2007 14:44:54 9/27/2007 14:44:55 METRO	Department Job Order Number Employees Ho O WASTE WATER DEPT 8202 3 Service Request Comments	1
9/27/2007 14:44:54 9/27/2007 14:44:55 METRO	Department Job Order Number Employees Ho O WASTE WATER DEPT 8202 3 Service Request Comments	1
9/27/2007 14:44:54 9/27/2007 14:44:55 METRO	Department Job Order Number Employees Ho O WASTE WATER DEPT 8202 3 Service Request Comments	1
9/27/2007 14:44:54 9/27/2007 14:44:55 METRO	Department Job Order Number Employees Ho O WASTE WATER DEPT 8202 3 Service Request Comments	1
9/27/2007 14:44:54 9/27/2007 14:44:55 METRO PER 946 REQ FLUSHER CREW TO FLUSH FSN#	Department Job Order Number Employees Ho O WASTE WATER DEPT 8202 3 Service Request Comments	1
9/27/2007 14:44:54 9/27/2007 14:44:55 METRO	Department Job Order Number Employees Ho O WASTE WATER DEPT 8202 3 Service Request Comments	1
9/27/2007 14:44:54 9/27/2007 14:44:55 METRO PER 946 REQ FLUSHER CREW TO FLUSH FSN#	Department Job Order Number Employees Ho O WASTE WATER DEPT 8202 3 Service Request Comments	1
9/27/2007 14:44:54 9/27/2007 14:44:55 METRO PER 946 REQ FLUSHER CREW TO FLUSH FSN#	Department Job Order Number Employees Ho O WASTE WATER DEPT 8202 3 Service Request Comments	1
9/27/2007 14:44:54 9/27/2007 14:44:55 METRO PER 946 REQ FLUSHER CREW TO FLUSH FSN#	Department Job Order Number Employees Ho O WASTE WATER DEPT 8202 3 Service Request Comments	1
9/27/2007 14:44:54 9/27/2007 14:44:55 METRO PER 946 REQ FLUSHER CREW TO FLUSH FSN#	Department Job Order Number Employees Ho O WASTE WATER DEPT 8202 3 Service Request Comments	1
9/27/2007 14:44:54 9/27/2007 14:44:55 METRI PER 946 REQ FLUSHER CREW TO FLUSH FSN# PGED 758JKL	Department Job Order Number Employees Ho O WASTE WATER DEPT 8202 3 Service Request Comments 88307 ON 8"VC MAIN, CAN HOLDPAGED 8794JKL	1
9/27/2007 14:44:54 9/27/2007 14:44:55 METRO PER 946 REQ FLUSHER CREW TO FLUSH FSN#	Department Job Order Number Employees Ho O WASTE WATER DEPT 8202 3 Service Request Comments 88307 ON 8"VC MAIN, CAN HOLDPAGED 8794JKL	1
9/27/2007 14:44:54 9/27/2007 14:44:55 METRI PER 946 REQ FLUSHER CREW TO FLUSH FSN# PGED 758JKL	Department Job Order Number Employees Ho O WASTE WATER DEPT 8202 3 Service Request Comments 88307 ON 8"VC MAIN, CAN HOLDPAGED 8794JKL	1
9/27/2007 14:44:54 9/27/2007 14:44:55 METRI PER 946 REQ FLUSHER CREW TO FLUSH FSN# PGED 758JKL	Department Job Order Number Employees Ho O WASTE WATER DEPT 8202 3 Service Request Comments 88307 ON 8"VC MAIN, CAN HOLDPAGED 8794JKL	1
9/27/2007 14:44:54 9/27/2007 14:44:55 METRI PER 946 REQ FLUSHER CREW TO FLUSH FSN# PGED 758JKL	Department Job Order Number Employees Ho O WASTE WATER DEPT 8202 3 Service Request Comments 88307 ON 8"VC MAIN, CAN HOLDPAGED 8794JKL	1
9/27/2007 14:44:54 9/27/2007 14:44:55 METRI PER 946 REQ FLUSHER CREW TO FLUSH FSN# PGED 758JKL	Department Job Order Number Employees Ho O WASTE WATER DEPT 8202 3 Service Request Comments 88307 ON 8"VC MAIN, CAN HOLDPAGED 8794JKL	1
9/27/2007 14:44:54 9/27/2007 14:44:55 METRI PER 946 REQ FLUSHER CREW TO FLUSH FSN# PGED 758JKL	Department Job Order Number Employees Ho O WASTE WATER DEPT 8202 3 Service Request Comments 88307 ON 8"VC MAIN, CAN HOLDPAGED 8794JKL	1
9/27/2007 14:44:54 9/27/2007 14:44:55 METRI PER 946 REQ FLUSHER CREW TO FLUSH FSN# PGED 758JKL	Department Job Order Number Employees Ho O WASTE WATER DEPT 8202 3 Service Request Comments 88307 ON 8"VC MAIN, CAN HOLDPAGED 8794JKL	1
9/27/2007 14:44:55 METRI 9/27/2007 14:44:55 METRI METR	Department Job Order Number Employees Ho O WASTE WATER DEPT 8202 3 Service Request Comments 8307 ON 8"VC MAIN, CAN HOLDPAGED 8794JKL	1
PER 946 REQ FLUSHER CREW TO FLUSH FSN# PER 758, ASSISTED IN FLUSHING MAIN FOR CIT THIS 8" VC LINED MAIN HAD THE TIRES SLIPPII	Department O WASTE WATER DEPT Service Request Comments 28307 ON 8"VC MAIN, CAN HOLDPAGED 8794JKL TY PROTECTIONMF Work Order Comments NG ON SLIME AND WAS NOT ABLE TO PASS 197'. THIS MAIN IS CLEAR	1
9/27/2007 14:44:55 METRI 9/27/2007 14:44:55 METRI METR	Department O WASTE WATER DEPT Service Request Comments 28307 ON 8"VC MAIN, CAN HOLDPAGED 8794JKL TY PROTECTIONMF Work Order Comments NG ON SLIME AND WAS NOT ABLE TO PASS 197'. THIS MAIN IS CLEAR	1

Work	Order 30	0062	2	Contract			1	Vide	eo cd		S	etup 31	
F	acility 83°	14		Operator p	arker		Va	n R	ef 3030	005	Surveye	d On 09/27/20	07
1	reet Name					City	sar	die	go				
Loca	ation type												
	Surface	•						_	_				
Survey	/ purpose	Spec	ific prob	lems on sewer syst	em related to struc	tural V	Veat	her	Dry				
Pipe	Use Sanit	ary			Sched len	gth 218.	O F	t	From	C12S-033	3	Depth 5.00	Ft
Si	hape Circu	ilar			Size 8 by	ins	5	1	To	C12S-034	ļ	Depth 6.00	Ft
Mate	e <i>rial</i> Vitrifi	ed cla	ay		Joint Spacing	Ft			-	ction Dov			
Li	ning Plast	ic			Year laid				Pre-c	lean	Last Cle		
Gene	ral note fo	llow-u	ip tv						Struc	tur al	Service	Construc	tional
Locatio	on note or	alley	rd for d	lesert view dr.					Misce	llaneous	Hydraulic		
Video	Count	CD	Code			Sev	Fr	То	Value	Remark	s		
00000	0.0		ST	Start of Survey							· · · · · · · · · · · · · · · · · · ·		
00000	0.0		MH	Manhole/Node						C12S-03	3		
00000	0.0		WL	Water level				<u> </u>	2				
	20.2		CN	Service Connection	n		09						
	55.2		CN	Service Connection	n		03						
	87.1		CN	Service Connection	n'		09						
	122.0		CN	Service Connection	n		03						
	160.0		CN	Service Connection	n		09						
	189.7		GO	General observati	on	L_			<u> </u>	wheels s	lipping on sl	im.	
	197.6		SA	Survey abandone	1		<u>L.</u> .		<u> </u>	can not	pass		
	197.6	Ft	Total I	Length Surveyed									
	Score	s [Structural:	Total 0				ct 0		k 0	Mean Pip	
Madaa		Γ		Service:	Total 0	Me	an D)efe	ct 0	Pea	k 0	Mean Pip	e 0

Notes This 8" vc lined had the tires slipping on slim and unable to pass 197'. main is clear to this point and was abir to lamp to m/h 34. Was able to lamp to m/h 34.

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See Illustration below











TELEVISE	0# = D#: 0t	4 No	CE. Cuita di lunia					
	Street # Fr Predir Stu 5715 SOLEDAD MT	reet Name 'N	Sfx Suite # Juris					
UNSCHEDULED MAINTENANCE		ntersection						
٠.	Location Des	scription	Water/Sewer					
SR # WO # Status Gen Dt Prty	5715 SOLEDAD MAOUNTAIN ROA	D (CORRECT ADDRESS	S) S					
3000622 17 CMP 09/27/07 1	Cross Street	Name						
Fac Type Fac Seq #		A . Di # 0.						
MAIN 8313	Requestor Name		ntact N					
	ES Sandas Area Sandas Area	L						
Complete	ES Service Area Service Area Field Book Pg Grid W RC C12S							
☐ Sketch								
)	946 946	Thos Bros Pg 1248A2						
	Job Description							
FOLLOW UP TV EXTRA SECTION	COD Description							
	Special Instructions							
Work Cd Work Code Desc	Action Code	Action Code Desc	;					
TV INSPECT	TV03 TELEVISED	MAIN COND ASSESS						
Motive Equipment Used		Rental Equipment Us	ed					
Equip Nbr Hours	Equipment Type	Operated	Hours					
		Yes No						
		Yes No						
		Yes No						
Start Date/Time End Date/Time	Department	Job Order Number	Employees Hours					
	WASTE WATER DEPT	8203	3 1					
9/27/2007 13:56:59 9/27/2007 13:56:59 METRO	TVASTE VIATER DELT							
9/27/2007 13:56:59 9/27/2007 13:56:59 METRO	WASTE WATER BELL							
9/27/2007 13:56:59 9/27/2007 13:56:59 METRO	WASTE WATER DELT							
9/27/2007 13:56:59 9/27/2007 13:56:59 METRO	WASTE WATER DELT							
9/27/2007 13:56:59 9/27/2007 13:56:59 METRO	Service Request Comments							
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8	Service Request Comments							
	Service Request Comments							
	Service Request Comments							
	Service Request Comments							
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8	Service Request Comments							
	Service Request Comments							
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8	Service Request Comments							
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8	Service Request Comments							
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8	Service Request Comments							
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8	Service Request Comments 3307 ON 8"VC MAIN, CAN HOLDPA							
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8	Service Request Comments 3307 ON 8"VC MAIN, CAN HOLDPA							
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8	Service Request Comments 3307 ON 8"VC MAIN, CAN HOLDPA							
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8	Service Request Comments 3307 ON 8"VC MAIN, CAN HOLDPA							
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8	Service Request Comments 3307 ON 8"VC MAIN, CAN HOLDPA							
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8 PGED 758JKL PER 758, ASSISTED IN FLUSHING MAIN FOR CIT	Service Request Comments 3307 ON 8"VC MAIN, CAN HOLDPA							
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8	Service Request Comments 3307 ON 8"VC MAIN, CAN HOLDPA							
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8 PGED 758JKL PER 758, ASSISTED IN FLUSHING MAIN FOR CIT	Service Request Comments 3307 ON 8"VC MAIN, CAN HOLDPA							

for City Of SD

Work	Order 30	0062	2	Contract				1	Vide	o cd		S	Setup 30	
F	acility 83	13		Operator p	arker			Va	n Re	ef 3030	005	Surveye	d On 09/27/20	07 .
St	reet Name	571	5 soleda	id mtn. rd.			City	sar	die	go				
Loca	ation type	Road	i carriaç	jeway										
	Surface	•												
Surve	y purpose	Spec	ific prob	lems on sewer syst	em related	to struct	tural V	Veat	her	Dry				
Pipe	Use Sani	tary			Scf	ned leng	gth 151.0	F	t	From	C12S-421		Depth 6.00	Ft
SI	hape Circu	ılar			Size 8	by	ins	3		To	C12S-033		Depth	Ft
Mate	erial Vitrif	ied cla	ıy		Joint Sp	acing	Ft		- 1	Direc	ction Dow	m		
Li	ining Plasi	tic			Year la	aid _				Pre-c	lean	Last Cle	eaned	
Gene	ral note fo	llow-u	p tv							Struc	tural	Service	Construc	tional
Locati	on note o	n alley	rd for c	lesert view dr.						Misce	llaneous	Hydraulic		
Video	Count	CD	Code				Sev	Fr	То	Value	Remark	S .		
00000	0.0		ST	Start of Survey										
00000	0.0		MH	Manhole/Node							C12S-42	1		
00000	0.0		WL	Water level						1				
	48.8		CN	Service Connection	n			09						
	117.2		CN	Service Connection	n			09						
	141.5		CN	Service Connection	n			03						
	153.0		МН	Manhole/Node							C12S-03	3		
	153.0		FH	Finish of Surveys							end			
	153.0	Ft	Total I	Length Surveyed										
	Score	s [Structural:		al O		an C			Pea		Mean Pip	
Notos		. [Service:	Tot	al 0	Me	an C	efe	ct 0	Pea	k 0	Mean Pip	e 0

This 8" vc main is lined and all looks good.

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See Illustration below



Notes









Nature of Complaint	Street # Fr Predir Stre	eet Name Sfx Suite # Juri	is
TELEVISE UNSCHEDULED MAINTENANCE	5715 SOLEDAD MTN		
UNSCHEDULED MAINTEN MOL	Int	tersection	_
•			
	Location Desc	cription Water/Sewe	r
SR# WO# Status Gen Dt Prty	5715 SOLEDAD MAOUNTAIN ROAD	(CORRECT ADDRESS) S	
3000622 18 CMP 10/03/07 2	Cross Street N	Name	
Fac Type Fac Seq #			
MAIN 8313	Requestor Name	Area Phone # Contact	
		N	
	ES Service Area Service Area Fi	ield Book Pg Grid	-
Complete	W RC	C12S	
Sketch	Radio# Orlg Radio# TI	hos Bros Pg	
Front	,	1248A2	
		· · · · · · · · · · · · · · · · · · ·	
TV MAIN	Job Description		٦ĺ
I A IMPAIIA	Special Instructions		
	wpoulsou would		$\neg \mid$
			_
Work Cd Work Code Desc	Action Code	Action Code Desc	ヿ゙
		AIN COND ASSESS	٦
TV INSPECT	TV03 TELEVISED 198		╝
Motive Equipment Used		Rental Equipment Used	-
Equip Nbr Hours	Equipment Type	Operated Hours	<u> </u>
		O Yes O No	_
		Yes No	
		Yes No	
Start Date/Time End Date/Time	Department	Job Order Number Employees Hours	s
	Department DWASTE WATER DEPT	Job Order Number Employees Hours	s
			s
			s
			s
	D WASTE WATER DEPT		s
10/4/2007 13:04:08 10/4/2007 13:04:09 METRO	Service Request Comments	8203 1 0.1	s
	Service Request Comments	8203 1 0.1	s
10/4/2007 13:04:08 10/4/2007 13:04:09 METRO	Service Request Comments	8203 1 0.1	s
10/4/2007 13:04:08 10/4/2007 13:04:09 METRO	Service Request Comments	8203 1 0.1	s
10/4/2007 13:04:08 10/4/2007 13:04:09 METRO	Service Request Comments	8203 1 0.1	s
10/4/2007 13:04:08 10/4/2007 13:04:09 METRO PER 946 REQ FLUSHER CREW TO FLUSH FSN#8	Service Request Comments	8203 1 0.1	s
10/4/2007 13:04:08 10/4/2007 13:04:09 METRO	Service Request Comments	8203 1 0.1	s
10/4/2007 13:04:08 10/4/2007 13:04:09 METRO PER 946 REQ FLUSHER CREW TO FLUSH FSN#8	Service Request Comments	8203 1 0.1	s
10/4/2007 13:04:08 10/4/2007 13:04:09 METRO PER 946 REQ FLUSHER CREW TO FLUSH FSN#8	Service Request Comments	8203 1 0.1	s
10/4/2007 13:04:08 10/4/2007 13:04:09 METRO PER 946 REQ FLUSHER CREW TO FLUSH FSN#8	Service Request Comments	8203 1 0.1	s
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8	Service Request Comments 307 ON 8"VC MAIN, CAN HOLDPAG	8203 1 0.1	s
10/4/2007 13:04:08 10/4/2007 13:04:09 METRO PER 946 REQ FLUSHER CREW TO FLUSH FSN#8	Service Request Comments 307 ON 8"VC MAIN, CAN HOLDPAG	8203 1 0.1	s
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8	Service Request Comments 307 ON 8"VC MAIN, CAN HOLDPAG	8203 1 0.1	s
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8	Service Request Comments 307 ON 8"VC MAIN, CAN HOLDPAG	8203 1 0.1	s
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8	Service Request Comments 307 ON 8"VC MAIN, CAN HOLDPAG	8203 1 0.1	s
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8	Service Request Comments 307 ON 8"VC MAIN, CAN HOLDPAG	8203 1 0.1	s
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8 PER 758, ASSISTED IN FLUSHING MAIN FOR CIT	Service Request Comments 307 ON 8"VC MAIN, CAN HOLDPAG	8203 1 0.1	s
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8	Service Request Comments 307 ON 8"VC MAIN, CAN HOLDPAG	8203 1 0.1	s
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8 PER 758, ASSISTED IN FLUSHING MAIN FOR CIT	Service Request Comments 307 ON 8"VC MAIN, CAN HOLDPAG	8203 1 0.1	s

Nature of Comple TELEVISE UNSCHEDULED MAINTEN					
UNSCHEDULED MAINTEN		Street # Fr Pre		itreet Name	Sfx Suite # Juris
	ANCE	5715	SOLEDAD M		RD SD
			. 	Intersection	
	. 0	ETIE OOLEDAD I	Location Do		Water/Sewer
SR# WO# Statu		5/15 SOLEDAD N		AD (CORRECT ADDRES	55)
3000622 19 CMF			Cross Stree	et Name	
	ac Seq #	D		Area Phone # C	 ontact
MAIN	8314	Request	or Name	Area Phone # C	N
					
Comp	elete	ES Service Area		Field Book Pg Gr	<u>ia</u>
<u> </u>		W	RC	C12S	
☐ Sketc	h	Radio#	Orig Radio#	Thos Bros Pg	
L		946		1248A2	
		Job Descrip	otion		
TV MAIN					
		Special Instru	ctions		
Work Cd V	Vork Code Desc	Action Co	de	Action Code Des	sc
TV INSPECT	<u></u>	TV03	TELEVISED	MAIN COND ASSESS	
				Rental Equipment \	lood
Motive Equipme		E-vi-	mont Tymo	— Rental Equipment C Operated	Hours
Equip Nbr	Hours	Ednit	ment Type	Yes No	Tiouis
 				O Yes O No	
				Yes No	
Start Date/Time Eng	d Date/Time	Departmer	nt .	Job Order Number	Employees Hours
10/4/2007 13:16:07 10/4/	2007 13:16:07 ME	TRO WASTE WATER	DEPT	8203	1 0.1
		Service Reque	st Comments		
	REW TO FLUSH FS	•		AGED 8794JKL	
PER 946 REQ FLUSHER C		•			
PER 946 REQ FLUSHER CI		•			
PER 946 REQ FLUSHER C					
PER 946 REQ FLUSHER CF		·			
PER 946 REQ FLUSHER C					
		·			
PER 946 REQ FLUSHER CF					
		· ·			
		· ·			
	÷	· ·			
PGED 758JKL	JSHING MAIN FOR	CITY PROTECTION	MF		
	JSHING MAIN FOR	CITY PROTECTION	MF		
PGED 758JKL	JSHING MAIN FOR	CITY PROTECTION	MF		
PGED 758JKL	JSHING MAIN FOR	CITY PROTECTION	MF		
PGED 758JKL	JSHING MAIN FOR	CITY PROTECTION	MF		
PGED 758JKL	JSHING MAIN FOR				
PGED 758JKL PER 758, ASSISTED IN FLU		Work Order	Comments	DM OF LANDSHIDE ARE	A
PGED 758JKL		Work Order	Comments	OM OF LANDSPIDE ARE	A
PGED 758. JKL PER 758, ASSISTED IN FLU		Work Order	Comments	OM OF LANDSHIDE ARE	A

Nature of Complaint				l
TELEVISE	Street # Fr Predir St	reet Name	Sfx Suite	# Juris
UNSCHEDULED MAINTENANCE	5715 SOLEDAD M	N	RD	SD
ONCO, ILD OLLD IN LIVE L. W. S. C.		ntersection		
		.		
	L postion Do	l L	Water	/Sewer
	Location Des			
SR # WO # Status Gen Dt Prty	5715 SOLEDAD MAOUNTAIN ROA		S)	s
3000622 20 CMP 10/03/07 2	Cross Street	Name		
Fac Type Fac Seq #				1
MAIN 8315	Requestor Name	Area Phone # Co	ntact	
L			N	
	50.0 1 4 10 10 1	City Death Death Cat		
☐ Complete		Field Book Pg Gri	<u> </u>	
Lan Complete	W RC	C12S		
Sketch	Radio# Orig Radio#	Thos Bros Pg		
· ·	946	1248A2		
	LL B. C.C.			
	Job Description		·	
TV MAIN		, ,		
	Special Instructions			
ENVIRONMENTALLY SENSITIVE AREA. PERMI	TS MAY BE REQUIRED. CONTACT	OUR SUPERVISOR FO	R INSTRUCTION	ONS.
<u> </u>				_
Work Cd Work Code Desc	Action Code	Action Code Des	c	
TV INSPECT	TV03 TELEVISED	MAIN COND ASSESS		
Motive Equipment Used		— Rental Equipment U		
Equip Nbr Hours	Equipment Type	Operated	Hou	rs
		◯ Yes ◯ No		
		○ Yes ○ No	7	
		_ \	┥ ├──	
	,	I Y) Voc () No		
		Yes No	<u> </u>	
Start Date/Time End Date/Time	Department	Job Order Number	Employees	Hours
	<u> </u>	Job Order Number		
	Department D WASTE WATER DEPT		Employees 3	Hours 2
	<u> </u>	Job Order Number		
	<u> </u>	Job Order Number		
	<u> </u>	Job Order Number		
	D WASTE WATER DEPT	Job Order Number		
10/3/2007 20:23:47	O WASTE WATER DEPT Service Request Comments	Job Order Number 8203		
	O WASTE WATER DEPT Service Request Comments	Job Order Number 8203		
10/3/2007 20:23:47	O WASTE WATER DEPT Service Request Comments	Job Order Number 8203		
10/3/2007 20:23:47	O WASTE WATER DEPT Service Request Comments	Job Order Number 8203		
10/3/2007 20:23:47	O WASTE WATER DEPT Service Request Comments	Job Order Number 8203		
10/3/2007 20:23:47	O WASTE WATER DEPT Service Request Comments	Job Order Number 8203		
10/3/2007 20:23:47 10/3/2007 20:23:48 METRO PER 946 REQ FLUSHER CREW TO FLUSH FSN#6	O WASTE WATER DEPT Service Request Comments	Job Order Number 8203		
10/3/2007 20:23:47	O WASTE WATER DEPT Service Request Comments	Job Order Number 8203		
10/3/2007 20:23:47 10/3/2007 20:23:48 METRO PER 946 REQ FLUSHER CREW TO FLUSH FSN#6	O WASTE WATER DEPT Service Request Comments	Job Order Number 8203		
10/3/2007 20:23:47 10/3/2007 20:23:48 METRO PER 946 REQ FLUSHER CREW TO FLUSH FSN#6	O WASTE WATER DEPT Service Request Comments	Job Order Number 8203		
10/3/2007 20:23:47 10/3/2007 20:23:48 METRO PER 946 REQ FLUSHER CREW TO FLUSH FSN#6	O WASTE WATER DEPT Service Request Comments	Job Order Number 8203		
10/3/2007 20:23:47 10/3/2007 20:23:48 METRO PER 946 REQ FLUSHER CREW TO FLUSH FSN#6	O WASTE WATER DEPT Service Request Comments	Job Order Number 8203		
10/3/2007 20:23:47	Service Request Comments 3307 ON 8"VC MAIN, CAN HOLDPA	Job Order Number 8203		
10/3/2007 20:23:47 10/3/2007 20:23:48 METRO PER 946 REQ FLUSHER CREW TO FLUSH FSN#6	Service Request Comments 3307 ON 8"VC MAIN, CAN HOLDPA	Job Order Number 8203		
10/3/2007 20:23:47	Service Request Comments 3307 ON 8"VC MAIN, CAN HOLDPA	Job Order Number 8203		
10/3/2007 20:23:47	Service Request Comments 3307 ON 8"VC MAIN, CAN HOLDPA	Job Order Number 8203		
10/3/2007 20:23:47	Service Request Comments 3307 ON 8"VC MAIN, CAN HOLDPA	Job Order Number 8203		
10/3/2007 20:23:47	Service Request Comments 3307 ON 8"VC MAIN, CAN HOLDPA	Job Order Number 8203		
10/3/2007 20:23:47	Service Request Comments 8307 ON 8"VC MAIN, CAN HOLDPA	Job Order Number 8203		
10/3/2007 20:23:47	Service Request Comments 3307 ON 8"VC MAIN, CAN HOLDPA	Job Order Number 8203		
10/3/2007 20:23:47	Service Request Comments 8307 ON 8"VC MAIN, CAN HOLDPA TY PROTECTIONMF Work Order Comments	Job Order Number 8203		
PER 946 REQ FLUSHER CREW TO FLUSH FSN#1 PER 758, ASSISTED IN FLUSHING MAIN FOR CIT	Service Request Comments 8307 ON 8"VC MAIN, CAN HOLDPA TY PROTECTIONMF Work Order Comments	Job Order Number 8203		
PER 946 REQ FLUSHER CREW TO FLUSH FSN#1 PER 758, ASSISTED IN FLUSHING MAIN FOR CIT	Service Request Comments 8307 ON 8"VC MAIN, CAN HOLDPA TY PROTECTIONMF Work Order Comments	Job Order Number 8203		

for City of SD

Work	Order 30	00622	2	Contract				1	Vide	o cd		S	etup 16	
F	acility 83°	15		Operator pa	arker			Va	n R	ef 3030	05	Surveye	d On 10/03/20	07
Str	eet Name	5715	soleda	d mtn rd.			City	sar	die	go				
Loca	ation type	Road	carriag	eway										
	Surface	Gard	en, light	shrubs, landscaping	9	-								
Survey	purpose	Spec	ific prob	lems on sewer syste	em related t	o structi	ural 14	/eati	her	Dry				
Pipe	Use Sani	arv			Sche	ed leng	th 171.0	F	t	From	C12S-035		Depth 25.00	Ft
• •	паре	•		•	Size 8	by	ins	;		To	C12S-034		Depth	Ft
	e <i>rial</i> Vitrifi	ed cla	y		Joint Spa	cing	Ft			Direc	tion Up			
	ning Plast		•		Year lai	d				Pre-c	lean	Last Cle	aned	
Gener	ral note tv	mains	 }							Struct	ural	Service	Construc	tional
Locatio	on note go	oing u	easme	ent						Misce	llaneous	Hydraulic		
Video	Count	CD	Code				Sev	Fr	То	Value	Remarks	5		
00000	0.0		ST	Start of Survey										
00000	0.0		МН	Manhole/Node							C12S-03	5		
00000	0.0		WL	Water level						1	L			
	4.5		SA	Survey abandoned	1						can not g	o up this ma	ain	

4.5 Ft Total Length Surveyed

Scores Notes Structural: Total 0 Mean Defect 0 Peak 0 Mean Pipe 0
Service: Total 0 Mean Defect 0 Peak 0 Mean Pipe 0

Unable to go up/s will do rev setup.











for City of SD

Work	Order 30	0062	2	Contract						o cd			Setup 17	
Fa	cility 83	15		Operator p	arker			Vai	n Re	of 3030	05	Surveye	ed On 10/03/20	07
Str	eet Name	571	5 soleda	d mtn rd.			City	san	die	go				
Loca	tion type													
				t shrubs, landscapin					_	_				
Survey	purpose	Spec	ific prob	lems on sewer system	em related to	structu	ral M	/eati	her	Dry				
Pipe	Use Sani	tary			Sche	d lengt	h 171.0	F	t	From	C12S-034		Depth	Ft
Sh	ape				Size 8	by	ins	;		To	C12S-035		Depth 25.00	Ft
Mate	rial Vitrifi	ied cla	ay		Joint Spa	cing	Ft			Direc	tion Dow	n		
Lii	ning Plasi	tic			Year lai	d				Pre-c	lean	Last CI		
Gener	al note R	evers	e set up	on sheet:16						Struct		Service	Construc	tional
Locatio	n note g	oing u	p easm	ent						Misce	llaneous	Hydraulic		
Video	Count	CD	Code				Sev	Fr	То	Value	Remark	5		
00000	0.0		ST	Start of Survey										
00000	0.0		МН	Manhole/Node							C12S-03	4		
00000	0.0		WL	Water level			<u> </u>			1			<u></u>	
	37.0		CN	Service Connection	ก			02						
	37.0		CR	Roots from lateral			L	02			<u> </u>			
	57.0		LD	Bend in pipe dowr) 				<u> </u>	<u> </u>				
,	90.5		LD	Bend in pipe dowr	1									
	116.1		LD	Bend in pipe dowr	1					<u> </u>	<u> </u>			
	148.0		LD	Bend in pipe dowr	1				<u> </u>					
	153.4		LD	Bend in pipe dowr	1			<u> </u>		<u> </u>	ļ			
	170.0		МН	Manhole/Node				ļ. <u>.</u> _		Ļ	C12S-03	5		
	170.0		FH	Finish of Surveys			<u>. </u>				end			
	170.0	Ft	Total	Length Surveyed										
	Score	, [Structural:	Tota	10				ct 0	Pea		Mean Pip	
Notos	00016	~		Service:	Tota	175	Ме	an D)efe	ct 37.5	Pea	k 75	Mean Pip	e 0.4

8" vc main is lined and clear at this time.

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See Illustration below



Notes









Nature of Complaint		
TELE (10E	Street # Fr Predir St	reet Name Sfx Suite # Juris
TELEVISE UNSCHEDULED MAINTENANCE	5715 SOLEDAD M	N RD SD
UNSCHEDULED WAINTENANCE		ntersection
		iliter section
. •	Location De	•
SR # WO # Status Gen Dt Prty	5715 SOLEDAD MAOUNTAIN ROA	D (CORRECT ADDRESS) S
3000622 21 CMP 10/03/07 1	Cross Street	: Name
Fac Type Fac Seq#	· · · · · · · · · · · · · · · · · · ·	
MAIN 8306	Requestor Name	Area Phone # Contact
IVIAIN	Requestor Name	N
	·	J N
	ES Service Area Service Area	Field Book Pg Grid
Complete	W RC	C12S
Sketch	Radio# Orig Radio#	Thos Bros Pg
), J Oneion		1248A2
	946 946	1240/12
	Job Description	
EXTRA SECTION/ PIPE INTEGRITY/ AFTER LAN		
	Special Instructions	
Work Cd Work Code Desc	Action Code	Action Code Desc
TV TV INSPECT	TV03 TELEVISED	MAIN COND ASSESS
I V III Zet		
Motive Equipment Used		Rental Equipment Used
Equip Nbr Hours	Equipment Type	Operated Hours
		○ Yes ○ No
		○ Yes ○ No
	<u> </u>	Yes No
Start Date/Time End Date/Time	Department	Job Order Number Employees Hours
	WASTE WATER DEPT	8203 3 1
10/3/2007 20:41:12 10/3/2007 20:41:12 METRO	O WASTE WATER DEPT	6203
		1
	Samina Research Community	
	Service Request Comments	CED 9704 IKI
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8	•	GED 8794JKL
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8	•	GED 8794JKL
PER 946 REQ FLUSHER CREW TO FLUSH FSN#6	•	GED 8794JKL
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8	•	GED 8794JKL
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8	•	GED 8794JKL
	•	GED 8794JKL
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8	•	GED 8794JKL
	•	GED 8794JKL
PGED 758JKL	3307 ON 8"VC MAIN, CAN HOLDPA	GED 8794JKL
	3307 ON 8"VC MAIN, CAN HOLDPA	GED 8794JKL
PGED 758JKL	3307 ON 8"VC MAIN, CAN HOLDPA	GED 8794JKL
PGED 758JKL	3307 ON 8"VC MAIN, CAN HOLDPA	GED 8794JKL
PGED 758JKL	3307 ON 8"VC MAIN, CAN HOLDPA	GED 8794JKL
PGED 758JKL	3307 ON 8"VC MAIN, CAN HOLDPA	GED 8794JKL
PGED 758JKL	3307 ON 8"VC MAIN, CAN HOLDPA	GED 8794JKL
PGED 758JKL PER 758, ASSISTED IN FLUSHING MAIN FOR CIT	Y PROTECTIONMF Work Order Comments	
PGED 758JKL PER 758, ASSISTED IN FLUSHING MAIN FOR CIT	Work Order Comments	ATERALS HAVE ROOTS IN THEM.
PGED 758JKL PER 758, ASSISTED IN FLUSHING MAIN FOR CIT	Work Order Comments	ATERALS HAVE ROOTS IN THEM.

After starting survey st. caved in. cam. stuck comming back in fsn 8307

Mean Defect 0

Mean Defect 0

Peak 0

Peak 0

Total 0 Total 0

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See Illustration below





Total Length Surveyed

Structural:

Service:

1.0 Ft

Scores

Notes







Mean Pipe 0

Mean Pipe 0

Work	Order 30	00622	2	Contract				Vide	eo cd		S	etup 20	
Fa	cility 83	06		Operator p	arker		Va	n R	ef 3030	005	Surveye	d On 10/03/2	007
Stre	eet Name	5715	soleda	d mtn rd.		City	sar	n die	go				
Loca	tion type				,								
				shrubs, landscapir			_	_	_				
Survey	purpose	Spec	ific prob	lems on sewer syst	em related to structur	rai V	/eat	her	Dry				
Pipe	Use Sanii	tary			Sched lengt	h 320.0	F	t	From	C12S-024		Depth 20.0	0 <i>Ft</i>
Sh	ape Circu	ılar			Size 8 by	ins	•		To	C12S-025		Depth	Ft
Mate	rial Vitrifi	ed cla	ıy		Joint Spacing	Ft				<i>tion</i> Up			
Lir	ning				Year laid	Pre-clean Last Cleaned							
Genera	al note ex	dra se	ction pe	er mike b.					Struct	ural	Service	Constru	ıctional
Locatio	n note go	oing to	the bre	ak					Misce	llaneous	Hydraulic		
Video	Count	CD	Code			Sev	Fr	То	Value	Remarks	i		
00000	0.0		ST	Start of Survey				<u> </u>					
00000	0.0		мн	Manhole/Node						C12S-024	!		
00000	0.0		WL	Water level					3				
	33.0		CN	Service Connection	on	<u> </u>	02			<u></u>			
	49.0		CN	Service Connection	on		10						
	108.2		CN	Service Connection	งก	1	02						
	108.2		CR	Roots from lateral		s	02	<u> </u>		·			
	114.9		RJ	Roots at joint		S	<u> </u>	<u> </u>					
·	117.4		CN	Service Connection	n		11	<u>L</u>		<u>L</u>			
	117.4		CR	Roots from lateral		L	11			<u> </u>			
	182.0		RJ	Roots at joint		s	<u></u>	ļ	<u> </u>				
	183.6		CN	Service Connection	on		11		ļ	<u> </u>			
	183.6		CR	Roots from lateral		<u> </u>	11	Ļ_	ļ				
	185.9		CN.	Service Connection	on		.02	ļ	ļ				
	185.9		CR	Roots from lateral	·	L	02	<u> </u>	ļ	<u> </u>			
	220.2		RJ	Roots at joint		∫ S	ļ	_	ļ	 			
····	223.2		RJ	Roots at joint		S	<u> </u>	<u> </u>		<u> </u>			
	226.7		CMJ	Cracks multiple at		<u> </u>	04	<u> </u>	ļ				
	226.7		LD '	Bend in pipe dow	<u> </u>		<u> </u>		 	after joint			
	229.4		В	Broken Pipe		L	12	↓	ļ	<u> </u>			
	229.4		GO	General observati	·····	4	<u> </u>	<u> </u>	 	dirt show			
	229.4		SA	Survey abandone	<u>d</u>		<u> </u>	L_		can not p	ass		
	229.4	Ft	Total I	Length Surveyed									

Notes

Structural:Total 800Mean Defect 266.7Peak 500Mean Pipe 3.5Service:Total 345Mean Defect 38.3Peak 75Mean Pipe 1.5

Found 6 laterals (3 on the left and 3 on the right) some laterals have roots from them, broken joint @ 226.7' pipe bends down and is full of dirt @ 229.4' and cam. can not pass that.

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See Illustration below



Scores









Nature of Complaint		
TELEVISE	Street # Fr Predir Street Name	Sfx Suite # Juris
UNSCHEDULED MAINTENANCE	5715 SOLEDAD MTN	RD SD
	Intersection	
	Lagging Description	Nister (Severe
SR# WO# Status Gen Dt Prty	Location Description 5715 SOLEDAD MAOUNTAIN ROAD (CORRECT	ADDRESS) S
3000622 22 CMP 10/03/07 1	Cross Street Name	ADDRESS) 5
	Cross Street Name	
Fac Type Fac Seq # MAIN 8318	Requestor Name Area Pho	ne # Contact
IVIAIN	Requestor Name Alea Pho	N
	FO Contro Anno Contro Anno Field Book Bo	
Complete	ES Service Area Service Area Field Book Pg W RC C12S	Grid
T Street		J L
Sketch	Radio# Orig Radio# Thos Bros Pg 946 946 1248A2	-,
<u> </u>	946 946 1248A2	J
	Job Description	
EXTRA SECTION / AFTER LANDSLIDE.		<u>, </u>
	Special Instructions	
Work Cd Work Code Desc	Action Code Action	Code Desc
TV TV INSPECT	TV03 TELEVISED MAIN COND A	SSESS
Motive Equipment Used	Rental Eq.	ripment Used
Equip Nbr Hours		perated Hours
	Yes	
	○ Yes	
1 1		, 0
	○ Yes	No.
	Yes	
Start Date/Time End Date/Time	Department Job Order N	lumber Employees Hours
		lumber Employees Hours
	Department Job Order N	lumber Employees Hours
	Department Job Order N	lumber Employees Hours
	Department Job Order N	lumber Employees Hours
	Department Job Order N	lumber Employees Hours
	Department Job Order N D WASTE WATER DEPT 8203 Service Request Comments	lumber Employees Hours 3 1
10/3/2007 20:33:38	Department Job Order N D WASTE WATER DEPT 8203 Service Request Comments	lumber Employees Hours 3 1
10/3/2007 20:33:38	Department Job Order N D WASTE WATER DEPT 8203 Service Request Comments	lumber Employees Hours 3 1
10/3/2007 20:33:38	Department Job Order N D WASTE WATER DEPT 8203 Service Request Comments	lumber Employees Hours 3 1
10/3/2007 20:33:38	Department Job Order N D WASTE WATER DEPT 8203 Service Request Comments	lumber Employees Hours 3 1
10/3/2007 20:33:38	Department Job Order N D WASTE WATER DEPT 8203 Service Request Comments	lumber Employees Hours 3 1
10/3/2007 20:33:38	Department Job Order N D WASTE WATER DEPT 8203 Service Request Comments	lumber Employees Hours 3 1
10/3/2007 20:33:38	Department Job Order N D WASTE WATER DEPT 8203 Service Request Comments	lumber Employees Hours 3 1
10/3/2007 20:33:38	Department Job Order N D WASTE WATER DEPT 8203 Service Request Comments	lumber Employees Hours 3 1
10/3/2007 20:33:38	Department Job Order N D WASTE WATER DEPT 8203 Service Request Comments	lumber Employees Hours 3 1
10/3/2007 20:33:38	Department Job Order N D WASTE WATER DEPT 8203 Service Request Comments 3307 ON 8"VC MAIN, CAN HOLDPAGED 8794JKI	lumber Employees Hours 3 1
10/3/2007 20:33:38	Department Job Order N D WASTE WATER DEPT 8203 Service Request Comments 3307 ON 8"VC MAIN, CAN HOLDPAGED 8794JKI	lumber Employees Hours 3 1
10/3/2007 20:33:38	Department Job Order N D WASTE WATER DEPT 8203 Service Request Comments 3307 ON 8"VC MAIN, CAN HOLDPAGED 8794JKI	lumber Employees Hours 3 1
10/3/2007 20:33:38	Department Job Order N D WASTE WATER DEPT 8203 Service Request Comments 3307 ON 8"VC MAIN, CAN HOLDPAGED 8794JKI	lumber Employees Hours 3 1
10/3/2007 20:33:38	Department Job Order N D WASTE WATER DEPT 8203 Service Request Comments 3307 ON 8"VC MAIN, CAN HOLDPAGED 8794JKI	lumber Employees Hours 3 1
10/3/2007 20:33:38	Department Job Order M D WASTE WATER DEPT 8203 Service Request Comments B307 ON 8"VC MAIN, CAN HOLDPAGED 8794JKI	lumber Employees Hours 3 1
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8 PER 758, ASSISTED IN FLUSHING MAIN FOR CIT	Department Job Order N D WASTE WATER DEPT 8203 Service Request Comments 3307 ON 8"VC MAIN, CAN HOLDPAGED 8794JKI Y PROTECTIONMF Work Order Comments	lumber Employees Hours 3 1
10/3/2007 20:33:38	Department Job Order N D WASTE WATER DEPT 8203 Service Request Comments 3307 ON 8"VC MAIN, CAN HOLDPAGED 8794JKI Y PROTECTIONMF Work Order Comments	lumber Employees Hours 3 1
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8 PER 758, ASSISTED IN FLUSHING MAIN FOR CIT	Department Job Order N D WASTE WATER DEPT 8203 Service Request Comments 3307 ON 8"VC MAIN, CAN HOLDPAGED 8794JKI Y PROTECTIONMF Work Order Comments	lumber Employees Hours 3 1

for City of SD

Work	Order 30	0062	2	Contract				Vide	o cd		S	etup 19	
F	acility 83	18		Operator p	arker		Va	n R	ef 303	005	Surveye	d On 10/03/200	7
St	reet Name	571	5 soleda	ıd mtn rd.		City	sar	n die	go				
Loca	ation type	Road	d carriaç	jeway									
				t shrubs, landscapin	·								
Surve	y purpose	Spec	ific prob	lems on sewer syst	em related to struc	tural <i>V</i>	Veat	her	Dry				
Pipe	Use Sani	tary		:	Sched leng	gth 80.0	F	t	From	C12S-036		Depth 20.00	Ft
Si	hape				Size 8 by	ins	;		To	C12S-037		Depth	Ft
Mat	e <i>rial</i> Vitrif	ied cla	ay .		Joint Spacing	Ft			Direc	ction Down	1	•	
LI	ning				Year laid				Pre-c	:lean	Last Cle	aned	
Gene	ral note e	xtra se	ection						Struc	tural	Service	Construct	ional
Locati	on note g	oing u	p easme	ent					Misce	llaneous	Hydraulic		
. Video	Count	CD	Code		,	Sev	Fr	То	Value	Remarks			
00000	0.0		ST	Start of Survey									
00000	0.0		МН	Manhole/Node						C12S-036			
00000	0.0		WL	Water level					10				
	3.0		RJ	Roots at joint		M							
	10.0		RJ	Roots at joint		s				l			
	20.2		RJ	Roots at joint		S							
	29.0		RJ	Roots at joint		_ L							
	31.7	S1	R	Roots		s				at joints			
	84.0	F1	R	Roots		S				at joints			
	84.0		МН	Manhole/Node						C12S-037			
	84.0		FH	Finish of Surveys						end			
•	84.0	Ft	Total L	ength Surveyed									
	Score	<u>.</u> [Structural:	Total 0	Mea	n D	efec	et 0	Peak	. U	Mean Pipe	0

Notes

Structural: Total 0 Mean Defect 0 Peak 0 Mean Pipe 0
Service: Total 275 Mean Defect 13.1 Peak 100 Mean Pipe 3.3

Found roots continuous at joints (S,M,L) through out.











N-4 Claint	· · · · · · · · · · · · · · · · · · ·	
Nature of Complaint	Street # Fr Predir St	treet Name Sfx Suite # Juris
TELEVISE		
UNSCHEDULED MAINTENANCE	5715 SOLEDAD M	TN RD SD
		Intersection
	<u> </u>	14/
	Location De	
SR # WO # Status Gen Dt Prty	5715 SOLEDAD MAOUNTAIN ROA	AD (CORRECT ADDRESS) S
3000622 23 CMP 10/03/07 1	Cross Stree	t Name
	0.033 0.00	Traine
Fac Type Fac Seq#		
MAIN 8317	Requestor Name	Area Phone # Contact
	L	
	ES Service Area Service Area	Field Book Pg Grid
Complete	W RC	C12S
Sketch	Radio# Orig Radio#	Thos Bros Pg
	946 946	1248A2
<u></u>	940 940	
	Job Description	
EXTRA SECTION / CHECKING FOR PIPE INTEG		
EXTRA SECTION / CHECKING FOR PIPE INTE		
	Special Instructions	
Marie Carla Dana	Action Code	Action Code Desc
Work Cd Work Code Desc		
TV INSPECT	TV03 TELEVISED	MAIN COND ASSESS
Motive Equipment Used		Rental Equipment Used
Equip Nbr Hours	Equipment Type	Operated Hours
		Yes No
		U Tes U No
		Yes O No
		Voc () No
		Yes No
Start Puts Time Find Pate Time	Donartment	
Start Date/Time End Date/Time	Department	Job Order Number Employees Hours
	Department O WASTE WATER DEPT	
		Job Order Number Employees Hours
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	O WASTE WATER DEPT	Job Order Number Employees Hours
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10/3/2007 20:29:05 10/3/2007 20:29:08 METR	O WASTE WATER DEPT Service Request Comments	Job Order Number Employees Hours 8203 3 1
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10/3/2007 20:29:05 10/3/2007 20:29:08 METR	O WASTE WATER DEPT Service Request Comments	Job Order Number Employees Hours 8203 3 1
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10/3/2007 20:29:05	O WASTE WATER DEPT Service Request Comments	Job Order Number Employees Hours 8203 3 1
10/3/2007 20:29:05	O WASTE WATER DEPT Service Request Comments	Job Order Number Employees Hours 8203 3 1
PER 946 REQ FLUSHER CREW TO FLUSH FSN#	O WASTE WATER DEPT Service Request Comments 8307 ON 8"VC MAIN, CAN HOLDPA	Job Order Number Employees Hours 8203 3 1
10/3/2007 20:29:05	O WASTE WATER DEPT Service Request Comments 8307 ON 8"VC MAIN, CAN HOLDPA	Job Order Number Employees Hours 8203 3 1
PER 946 REQ FLUSHER CREW TO FLUSH FSN#	O WASTE WATER DEPT Service Request Comments 8307 ON 8"VC MAIN, CAN HOLDPA	Job Order Number Employees Hours 8203 3 1
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PER 946 REQ FLUSHER CREW TO FLUSH FSN#	Service Request Comments 8307 ON 8"VC MAIN, CAN HOLDPA	Job Order Number Employees Hours 8203 3 1
10/3/2007 20:29:05	Service Request Comments 8307 ON 8"VC MAIN, CAN HOLDPA	Job Order Number Employees Hours 8203 3 1 AGED 8794JKL
PER 946 REQ FLUSHER CREW TO FLUSH FSN#	Service Request Comments 8307 ON 8"VC MAIN, CAN HOLDPA	Job Order Number Employees Hours 8203 3 1 AGED 8794JKL
10/3/2007 20:29:05	Service Request Comments 8307 ON 8"VC MAIN, CAN HOLDPA	Job Order Number Employees Hours 8203 3 1 AGED 8794JKL
PER 946 REQ FLUSHER CREW TO FLUSH FSN# PER 758, ASSISTED IN FLUSHING MAIN FOR CIT FOUND 1 CIRCLAR CRACK. THERE ARE MANY	Service Request Comments 8307 ON 8"VC MAIN, CAN HOLDPA	Job Order Number Employees Hours 8203 3 1 AGED 8794JKL

for City of SD

Work Order 3000622 Contract Facility 8317 Operator p					Video cd					Setup 18			
			arker Van Ref 303005						Surveyed On 10/03/2007				
Loca		ad carriag rden, ligh		•		ty sa Wea		-					
Pipe Sh Mate	Use Sanitary nape erial Vitrified oning		Sched length 60.0 Size 8 by ins Joint Spacing Ft Year laid				7	From C12S-035 Depth 25.00 To C12S-036 Depth Direction Down Pre-clean Last Cleaned				Ft Ft	
Gener	ral note extra		ent					Struc	ural Ilaneous	Service Hydraulic	Construc	ional	
Video	Count CE	Code			Se	v Fr	То	Value	Remark	s			
00000	0.0	ST	Start of Survey				L	ļ	<u> </u>				
00000	0.0	МН	Manhole/Node			1	<u> </u>	ļ	C12S-03	5			
00000	0.0	WL	Water level				<u> </u>	10	<u> </u>				
	22.7	CCJ	Circular Crack at	oint	s		12	L					
	25.8	RJ	Roots at joint		S		<u> </u>	ļ					
	36.0	RJ	Roots at joint		S		<u> </u>				·		
	38.4	RJ	Roots at joint		L			ļ					
	44.5	RJ	Roots at joint		L		<u> </u>	<u> </u>	ļ				
	48.0	RJ	Roots at joint		L	╧	L_	<u> </u>					
	48.0	CB	Break in Connecti	on		12		<u> </u>					
	48.0	CR	Roots from lateral			12	L	<u> </u>					
	48.0	RJ	Roots at joint		L								
	55.0	R	Roots					<u> </u>	in m/h 36	3			
	57.0	MH	Manhole/Node				<u> </u>	<u>L</u>	C12S-03	6			
	57.0	FH	Finish of Surveys						end				
	57.0 Ft	Total	Lenath Surveyed										

57.0 Ft Total Length Surveyed

Notes

Scores

Structural:	Total 100	Mean Defect 50	Peak 100	Mean Pipe 1.8
Service:	Total 625	Mean Defect 69.4	Peak 275	Mean Pipe 11

Found 1 cir. crack, roots at many joint (S,L) and roots in m/h 36 (L).











Nature of Complaint	
TELEVISE	Street # Fr Predir Street Name Sfx Suite # Ju
UNSCHEDULED MAINTENANCE	5715 SOLEDAD MTN RD SI
SHOOFIED DEED WATTER THOSE	Intersection
	intersection
	Location Description Water/Sewe
SR # WO # Status Gen Dt Prty	5715 SOLEDAD MAOUNTAIN ROAD (CORRECT ADDRESS) S
3000622 24 CMP 10/04/07 1	Cross Street Name
Fac Type Fac Seq#	
MAIN 8307	Requestor Name Area Phone # Contact
WAIN	
	N
	ES Service Area Service Area Field Book Pg Grid
Complete	W RC C12S
Sketch	Dadiett October 1991
July Greton	Radio# Orig Radio# Thos Bros Pg
	946 946 1248A2
	Job Description
RE-TV PER MIKE B.	·
	Special Instructions
FOR LEADING INTO LANDOLIDE ADEA	Special Instructions
FSN LEADING INTO LANDSLIDE AREA	
Work Cd Work Code Desc	Action Code Action Code Desc
TV INSPECT	TV03 TELEVISED MAIN COND ASSESS
Motive Equipment Used	Rental Equipment Used
Equip Nbr Hours	Equipment Type Operated Hours
Equipito	
	O Yes O No
	○ Yes ○ No
Start Date/Time End Date/Time	Department Job Order Number Employees Hours
	Department Job Order Number Employees Hours
	Department Job Order Number Employees Hours
	Department Job Order Number Employees Hours
	Department Job Order Number Employees Hours
	Department Job Order Number Employees Hours O WASTE WATER DEPT 8203 3 2
10/4/2007 13:02:19 10/4/2007 13:02:21 METRO	Department Job Order Number Employees Hours O WASTE WATER DEPT 8203 3 2 Service Request Comments
10/4/2007 13:02:19 10/4/2007 13:02:21 METRO	Department Job Order Number Employees Hours O WASTE WATER DEPT 8203 3 2
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10/4/2007 13:02:19 10/4/2007 13:02:21 METRO PER 946 REQ FLUSHER CREW TO FLUSH FSN#8	Department Job Order Number Employees Hours O WASTE WATER DEPT 8203 3 2 Service Request Comments
10/4/2007 13:02:19 10/4/2007 13:02:21 METRO PER 946 REQ FLUSHER CREW TO FLUSH FSN#8	Department Job Order Number Employees Hours O WASTE WATER DEPT 8203 3 2 Service Request Comments
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for City of SD

Work Order 3000622 Contract			Video cd					Setup 22					
Fa	Facility 8307 Operator pa		arker						Surveyed On 10/04/2007				
Loca		Road Garde	carriag en, lìght			City ctural M	san /eati						
					Sched ler			t	From	C12S-026		Depth 11.50	Ft
Pipe Use Sanitary Shape Circular			Size 8 by ins				To C128-25			Depth	Ft		
Chapt on data.				Joint Spacing	Ft			Direction Down					
Lir	ning				Year laid				Pre-c	lean	Last Cle		
Gener	al note per	mike	b.						Structural		Service	Construc	tional
Locatio	n note goi	ng to	the bre	ak					Misce	laneous	Hydraulic		
Video	Count	CD	Code	· · · · · · · · · · · · · · · · · · ·		Sev	Fr	То	Value	Remark	s		
00000	0.0		ST	Start of Survey									
0000	0.0		MH	Manhole/Node						C12S-02	6		
0000	0.0		WL	Water level	 				1				
	2.0		CB	Break in Connection	on		10						
	2.3		CR	Roots from lateral		L	10						
	39.6		CN	Service Connection			02		-				
	62.4		CN	Service Connection			11						
	67.4		GO	General observati						cable on	bottom of p	ipe	
	111.9		CN	Service Connection	<u> </u>		02	<u> </u>	1				
	134.2		CN	Service Connection			11		<u> </u>	<u> </u>	· · · · · · · ·		
	173.8		CN	Service Connection		-	10	<u> </u>					
	209.8		CN	Service Connection			02		 				
	249.2		CN LD	Service Connection			02	L	 				
	280.2		LR	Bend in pipe down Bend in pipe right			<u> </u>	<u>1 </u>	-				
	280.3		SA	Survey abandone			 	-	 				
	280.3	l Ft		ength Surveyed	<u>u</u>		I	L	1	l			
٠	Scores	_		Structural:	Total 0				ct 0	Pea		Mean Pip	
Notes	200,00			Service:	Total 75	Ме	Mean Defec			Pea	k 75	Mean Pip	e 0.3

Tved to find laterals that could be in use.









